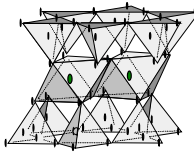


Functional Materials Specialty Additives



CERATOSIL® VP



CERATOSIL® VP ist ein Natriumbentonit mit ausgezeichnetem Adsorptions- und Quellvermögen. Als rheologisches, thixotropes Additiv wird es sowohl in Glasuren und Engoben als auch in monolithischen feuerfesten Massen und Schichten eingesetzt. CERATOSIL® VP eignet sich des weiteren sehr gut als Füllstoff und als Träger für reaktive und inerte Materialien.

TPYISCHE EIGENSCHAFTEN

Farbe	seidengrau
Form	Pulver
Feuchte	max. 14 %
Schüttdichte	820 ± 80 kg/m ³
Methylenblau-Adsorption	345 ± 45 mg/g
Quellvolumen (H ₂ O dest.)	min. 24 ml/2g
Enslin-Neff	ca. 700 %
pH-Wert	9,5 ± 1
Siebrückstand (63 µm, trocken)	15 - 25 %

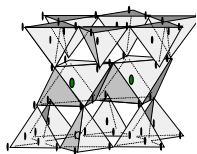
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CERATOSIL® VP

VERPACKUNG	MINERALISCHE ZUSAMMENSETZUNG		
Big-Bags oder in Säcken	Principal minerals	Montmorillonite	70 – 80 %
	Accompanying minerals	Quartz	ca. 2 – 4 %
Cristobalit		< 1 %	
Feldspat		ca. 3 – 6 %	
Calcit		ca. 1 – 2 %	

CHEMISCHE ZUSAMMENSETZUNG

SiO ₂	63,00 %
Al ₂ O ₃	20,00%
TiO ₂	0,15%
Fe ₂ O ₃	3,80%
MgO	2,50%
CaO	1,30%
Na ₂ O	2,30%
K ₂ O	0,76%
MnO ₂	0,01%
Glühverlust (1000°C)	5,70%
Fluorid	0,09%

Die angegebenen Werte der Nebenbestandteile können aufgrund natürlicher Streuungen der Rohmaterialien um bis zu ± 20% schwanken.

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